

Title (en)

SYSTEM AND METHOD FOR DIAGNOSING SENSOR PERFORMANCE USING ANALYTE-INDEPENDENT RATIOMETRIC SIGNALS

Title (de)

SYSTEM UND VERFAHREN ZUR DIAGNOSE DER SENSORLEISTUNG MITHILFE ANALYTUNABHÄNGIGER RATIOMETRISCHER SIGNALE

Title (fr)

SYSTÈME ET PROCÉDÉ POUR DIAGNOSTIQUER LES PERFORMANCES D'UN CAPTEUR EN UTILISANT DES SIGNAUX RADIOMÉTRIQUES INDÉPENDANTS DE L'ANALYTE

Publication

**EP 2923207 A4 20150930 (EN)**

Application

**EP 13856956 A 20131119**

Priority

- US 201261728488 P 20121120
- US 201313828601 A 20130314
- US 2013070775 W 20131119

Abstract (en)

[origin: US2014141524A1] A system and method are provided for utilizing radiometric fluorescence detection to determine a glucose independent concentration value when measuring frequency bands that do not contain the system isosbestic point. Preferably two bands are chosen such that a first band is below the system isosbestic point, and a second band is above the system isosbestic point, and both points are sufficiently far from the frequency endpoints to maximize the signal to noise ratio.

IPC 8 full level

**G01N 33/66** (2006.01); **G01N 21/64** (2006.01)

CPC (source: EP US)

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Citation (search report)

- No further relevant documents disclosed
- See references of WO 2014081713A1

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**US 10466247 B2 20191105**; **US 2014141524 A1 20140522**; EP 2923207 A1 20150930; EP 2923207 A4 20150930; EP 2923207 B1 20171108; ES 2659018 T3 20180313; US 2019391156 A1 20191226; WO 2014081713 A1 20140530

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